

Listing of Claims

1. (ORIGINAL) A ring-shaped collet comprising:
an inner wall, an outer wall, a first end and a second end, the ends separated by a width of the collet;
at least two equally spaced apart slots from the inner wall to the outer wall extending from the first end toward the second end partially across the width, at least two equally spaced apart slots from the inner wall to the outer wall extending from the second end toward the first end partially across the width, the number of slots in the first end equal to the number of the slots in the second end and the slots from the first end being located generally equally between the slots from the second end;
the inner wall defining a diameter sized to receive a transmission line cable;
the outer wall having a diameter which tapers from a greatest diameter proximate the first end to a smallest diameter proximate the second end; and
the collet formed of a deformable material.
2. (ORIGINAL) The ring-shaped collet of claim 1, wherein the deformable material is metal.
3. (ORIGINAL) The ring-shaped collet of claim 2, wherein the deformable material is brass.
4. (ORIGINAL) The ring-shaped collet of claim 1, wherein the inner wall includes ridges.
5. (ORIGINAL) The ring-shaped collet of claim 1, wherein four slots extend from the first end toward the second end and four slots extend from the second end toward the first end.
6. (ORIGINAL) The ring-shaped collet of claim 1, further comprising a ring-shaped rear seal sized to fit over the collet having an outer surface of generally uniform diameter and an inner surface which tapers from a greater diameter proximate a first end to a

smaller diameter proximate a second end, the inner surface including a shoulder projecting inwardly from the inner wall defining a diameter smaller than the diameter of the second end of the collet and large enough to fit about the cable, the shoulder being spaced apart from the first end a distance these than the width of the collet.

7. (ORIGINAL) A compression ring assembly for mounting a transmission line connector to a cable, the compression ring assembly comprising:

a ring-shaped collet formed of a deformable material having a first end and a second end, the ends separated by a width of the collet, at least two equally spaced apart slots through the collet extending from the first end toward the second end partially across the width, at least two equally spaced apart slots through the collet extending from the second end toward the first end partially across the width, number of slots in the first end equal to the number of the slots in the second end and the slots from the first end being located generally equally between the slots from the second end;

a ring-shaped rear seal sized to fit over the collet having an outer surface of generally uniform diameter and an inner surface which tapers from a greater diameter proximate a first end to a smaller diameter proximate a second end, the inner surface including a shoulder projecting inwardly from the inner wall defining a diameter smaller than the diameter of the second end of the collet and large enough to fit about the cable, the shoulder being spaced apart from the first end a distance these than the width of the collet;

a threaded sleeve sized to fit about the cable and having a shoulder; and

an endcap having a cylindrical inner surface with a diameter sized to fit over the outer diameter of the rear seal and a ledge projecting inwardly from the inner surface defining a diameter smaller than the outer surface of the rear seal, the endcap threaded to engage the threads of the sleeve;

wherein the collet has a diameter smaller than the greater diameter of the inner surface of the rear seal and greater than the smaller diameter of the inner surface of the rear seal.

8. to 10. CANCELLED